L22DC

Proponente:
INFRASTRUCTURE
ITALIA LAND 2 S.r.l.
Via del Bosco Rinnovato, 6
20057 – Assago (MI), Italia

Progetto Nuovo Data Center Campus Siziano

VALUTAZIONE IMPATTO AMBIENTALE
ai sensi del Titolo III del d.lgs. 152/2006

Relazione illuminotecnica MIL08A

Documento
4553-L22-ZZ-ZZZ-TRP-AL-0027

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Tecnico
Ing. Roberto Cereda

Client	Stack
Project No.	P10500
Date	17.01.2025
Revision	P01
Reference	MIL08A-L22-XX-XX-CA-E-0001

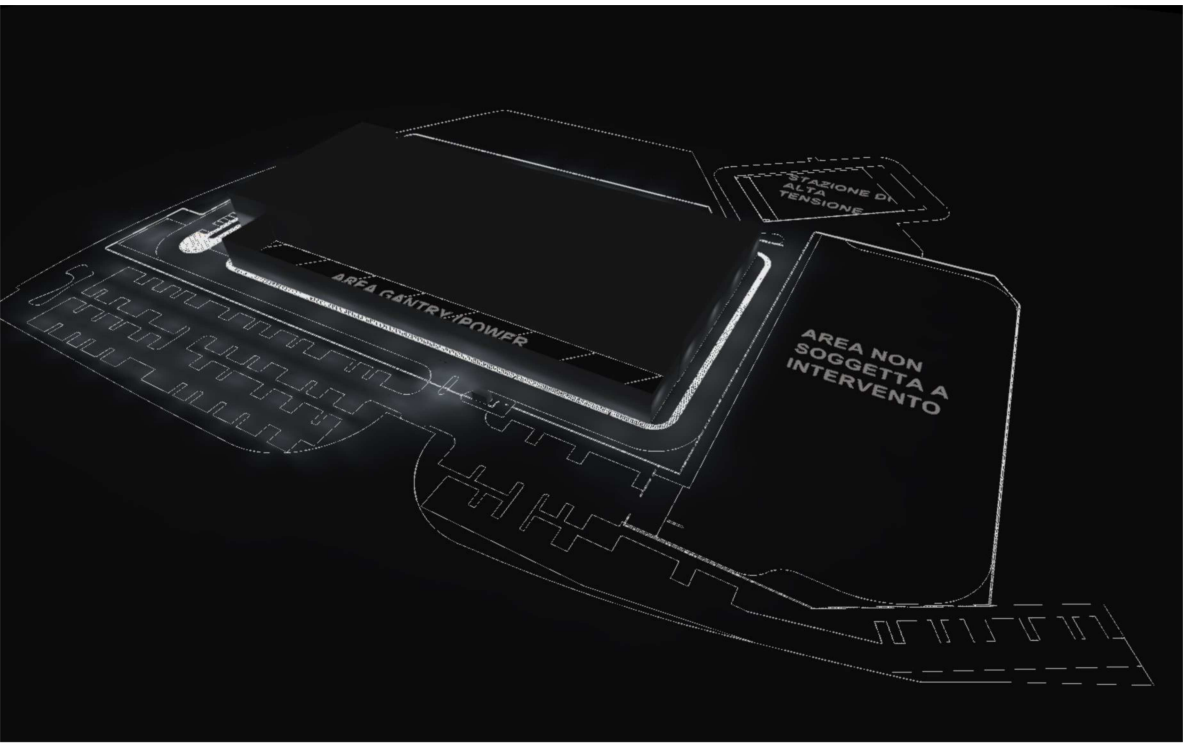
L22

MIL08A

ELECTRICAL AND SPECIAL SYSTEM – EXTERNAL LIGHTING CALCULATION

17 JANUARY 2025

Data 17/01/2025



MIL08 - Outdoor

Created with DIALux

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Contatti

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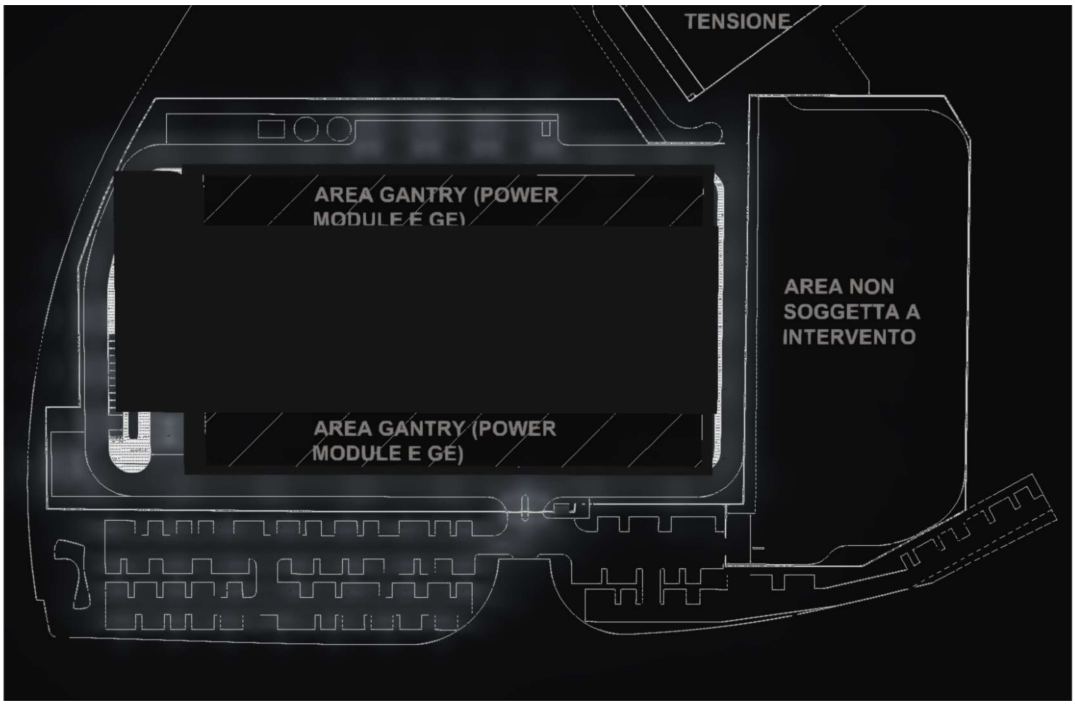
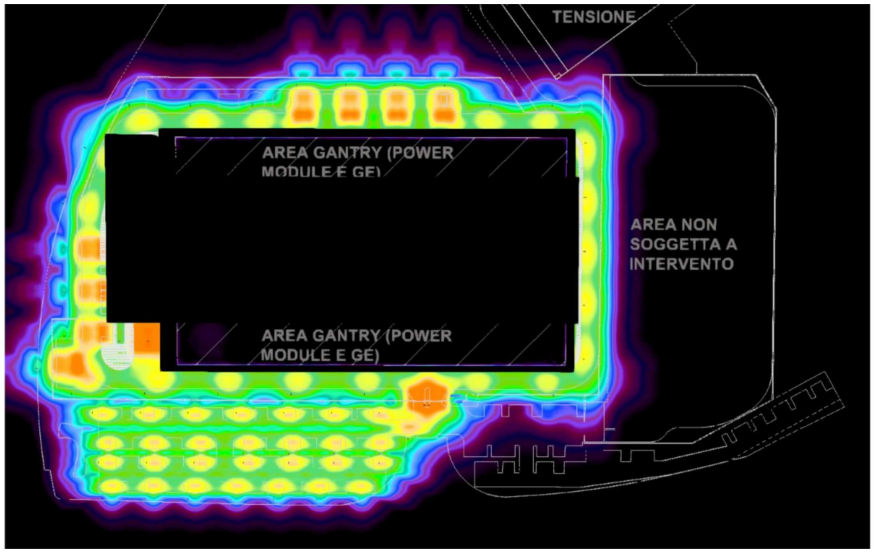
Immagini


TENSIONE
AREA GANTRY (POWER MODULE E GE)
AREA NON SOGGETTA A INTERVENTO
AREA GANTRY (POWER MODULE E GE)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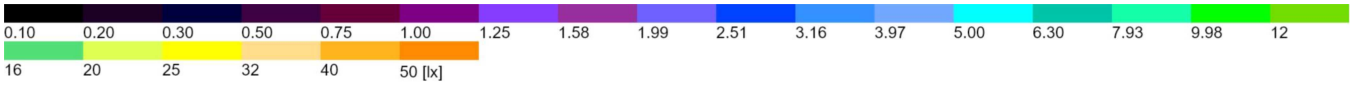

0.10 0.20 0.30 0.50 0.75 1.00 1.25 1.58 1.99 2.51 3.16 3.97 5.00 6.30 7.93 9.98 12
16 20 25 32 40 50 [lx]

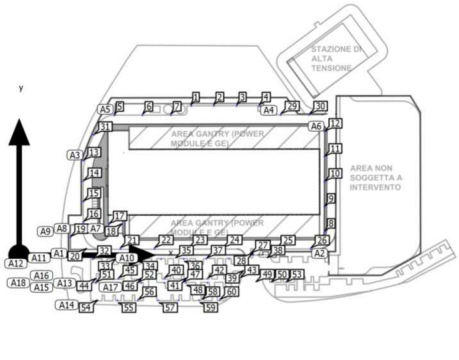
Lista lampade

Φ_{totale}	P_{totale}	Efficienza
456665 lm	3023.0 W	151.1 lm/W

Pz.	Produttore	Articolo No.	Nome articolo	P	Φ	Efficienza
29	TRILUX		Jovie 50-AB2L-4-42-7 40-CLO-B	30.0 W	4200 lm	140.0 lm/W
19	TRILUX		Jovie 70-AB7L-8-91-7 40-CLO-B	59.0 W	9099 lm	154.2 lm/W
8	TRILUX		Jovie 70-AM2L-12-135 -740-CLO-B	86.0 W	13499 lm	157.0 lm/W
4	TRILUX		Jovie 70-AM3L-12-135 -740-CLO-B	86.0 W	13498 lm	157.0 lm/W

Area 1

Disposizione lampade



Area 1

Disposizione lampade

TRILUX - - Jovie 50-AB2L-4-42-7 40-CLO-B
1x 1 x LED ET/ETDD

X	Y	Altezza di montaggio	MF	Lampada
64.862 m	-3.531 m	6.000 m	0.80	32
84.861 m	-3.469 m	6.000 m	0.80	33
104.861 m	-3.406 m	6.000 m	0.80	34
124.861 m	-3.343 m	6.000 m	0.80	35
144.861 m	-3.280 m	6.000 m	0.80	36
164.861 m	-3.217 m	6.000 m	0.80	37
184.861 m	-3.154 m	6.000 m	0.80	38
67.157 m	-20.832 m	6.000 m	0.80	44
87.157 m	-20.801 m	6.000 m	0.80	45
107.157 m	-20.771 m	6.000 m	0.80	46
68.550 m	-39.815 m	6.000 m	0.80	54
86.550 m	-39.786 m	6.000 m	0.80	55
104.550 m	-39.756 m	6.000 m	0.80	56
122.550 m	-39.727 m	6.000 m	0.80	57
140.550 m	-39.697 m	6.000 m	0.80	58
158.550 m	-39.668 m	6.000 m	0.80	59
176.550 m	-39.638 m	6.000 m	0.80	60
67.235 m	-24.458 m	6.000 m	0.80	51
87.235 m	-24.428 m	6.000 m	0.80	52
107.235 m	-24.398 m	6.000 m	0.80	53
196.871 m	-14.061 m	6.000 m	0.80	39

Area 1

Disposizione lampade

X	Y	Altezza di montaggio	MF	Lampada
127.801 m	-24.319 m	6.000 m	0.80	47
146.801 m	-24.319 m	6.000 m	0.80	48
165.801 m	-24.319 m	6.000 m	0.80	49
184.801 m	-24.319 m	6.000 m	0.80	50
127.802 m	-20.579 m	6.000 m	0.80	40
146.802 m	-20.579 m	6.000 m	0.80	41
165.802 m	-20.579 m	6.000 m	0.80	42
184.802 m	-20.579 m	6.000 m	0.80	43

Area 1

Disposizione lampade

TRILUX - - Jovie 70-AB7L-8-91-7 40-CLO-B
1x 1 x LED ET/ETDD

X	Y	Altezza di montaggio	MF	Lampada
59.170 m	5.583 m	10.000 m	0.80	20
89.170 m	5.623 m	10.000 m	0.80	21
119.170 m	5.663 m	10.000 m	0.80	22
149.170 m	5.704 m	10.000 m	0.80	23
179.170 m	5.744 m	10.000 m	0.80	24
226.686 m	5.431 m	10.000 m	0.80	25
256.686 m	5.431 m	10.000 m	0.80	26
56.473 m	83.160 m	10.000 m	0.80	13
83.594 m	123.185 m	10.000 m	0.80	5
108.594 m	123.237 m	10.000 m	0.80	6
133.594 m	123.290 m	10.000 m	0.80	7
268.900 m	20.517 m	10.000 m	0.80	8
268.900 m	42.517 m	10.000 m	0.80	9
268.900 m	64.517 m	10.000 m	0.80	10
268.900 m	86.517 m	10.000 m	0.80	11
268.900 m	108.517 m	10.000 m	0.80	12
230.233 m	123.482 m	10.000 m	0.80	29
255.233 m	123.482 m	10.000 m	0.80	30
65.558 m	105.899 m	10.000 m	0.80	31

Area 1

Disposizione lampade

TRILUX - - Jovie 70-AM2L-12-135 -740-CLO-B
1x 1 x LED ET/ETDD

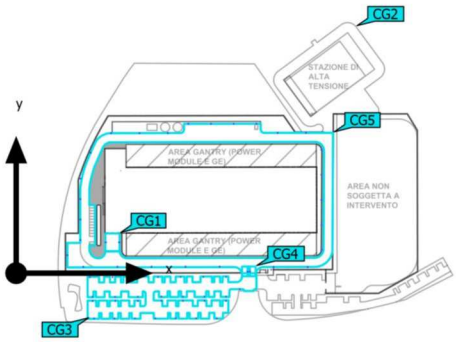
X	Y	Altezza di montaggio	MF	Lampada
56.473 m	65.160 m	10.000 m	0.80	14
56.473 m	47.160 m	10.000 m	0.80	15
56.473 m	29.160 m	10.000 m	0.80	16
151.561 m	131.446 m	10.000 m	0.80	1
171.561 m	131.446 m	10.000 m	0.80	2
191.561 m	131.446 m	10.000 m	0.80	3
211.561 m	131.446 m	10.000 m	0.80	4
45.067 m	15.843 m	10.000 m	0.80	19

TRILUX - - Jovie 70-AM3L-12-135 -740-CLO-B
1x 1 x LED ET/ETDD

X	Y	Altezza di montaggio	MF	Lampada
78.900 m	27.133 m	10.000 m	0.80	17
90.700 m	27.133 m	10.000 m	0.80	18
205.819 m	1.300 m	10.000 m	0.80	28
203.824 m	1.300 m	10.000 m	0.80	27

Area 1 (Scena luce 1)

Oggetti di calcolo



Area 1 (Scena luce 1)

Oggetti di calcolo

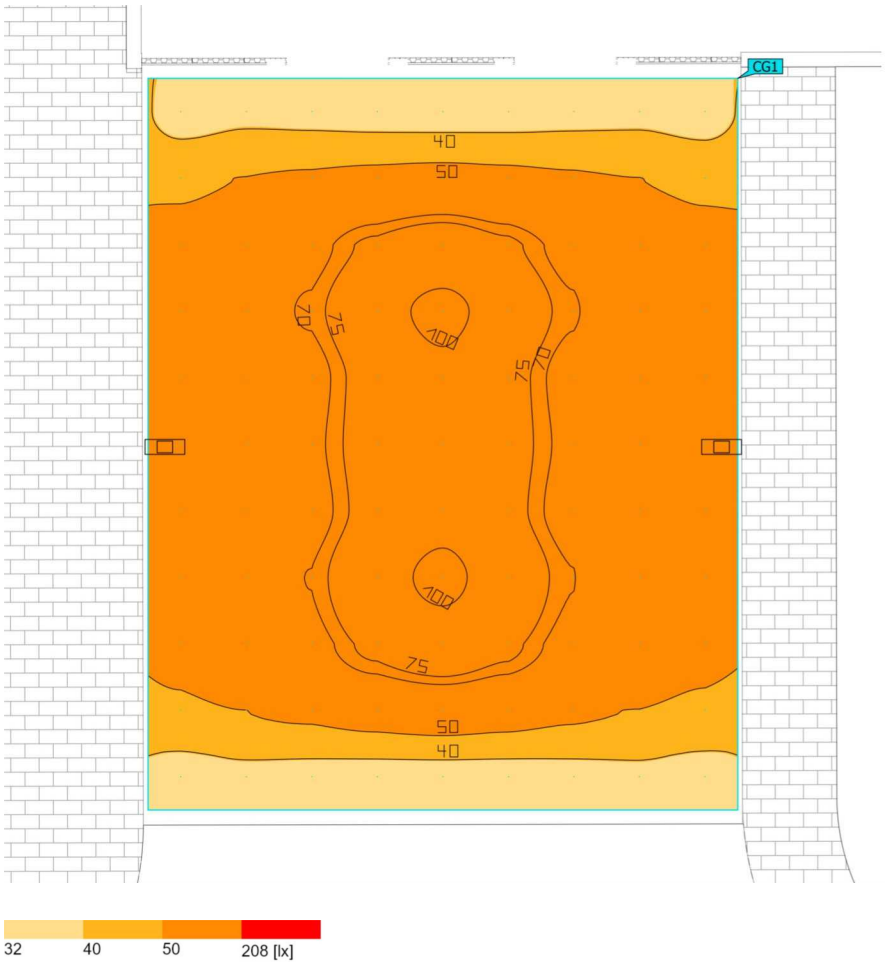
Superfici di calcolo

Proprietà	Ē	$E_{min.}$	E_{max}	U_o (g_1)	g_2	Indice
Loading Dock Illuminamento perpendicolare Altezza: 0.000 m	60.2 lx	36.5 lx	105 lx	0.61	0.35	CG1
Car Park Lots Area Illuminamento perpendicolare Altezza: 0.000 m	20.0 lx	10.7 lx	52.7 lx	0.53	0.20	CG2
Data Center Roads Illuminamento perpendicolare Altezza: 0.000 m	20.0 lx	10.4 lx	74.6 lx	0.52	0.14	CG3
Vehicle Gate Illuminamento perpendicolare Altezza: 0.000 m	62.4 lx	50.6 lx	77.0 lx	0.81	0.66	CG4
General Traffic and Pedestrian Area Illuminamento perpendicolare Altezza: 0.000 m	21.9 lx	11.8 lx	65.2 lx	0.54	0.18	CG5

Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Area 1 (Scena luce 1)

Loading Dock

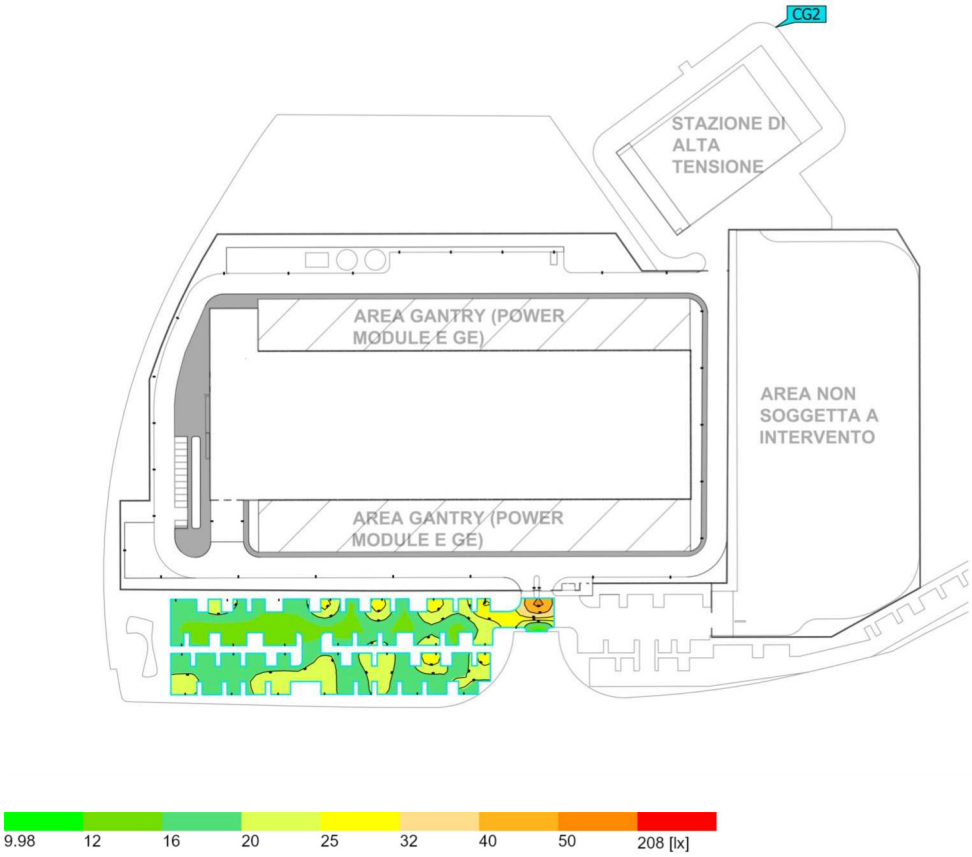


Proprietà	Ē	$E_{min.}$	E_{max}	U_o (g_1)	g_2	Indice
Loading Dock Illuminamento perpendicolare Altezza: 0.000 m	60.2 lx	36.5 lx	105 lx	0.61	0.35	CG1

Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Area 1 (Scena luce 1)

Car Park Lots Area

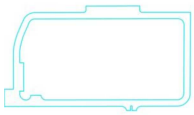


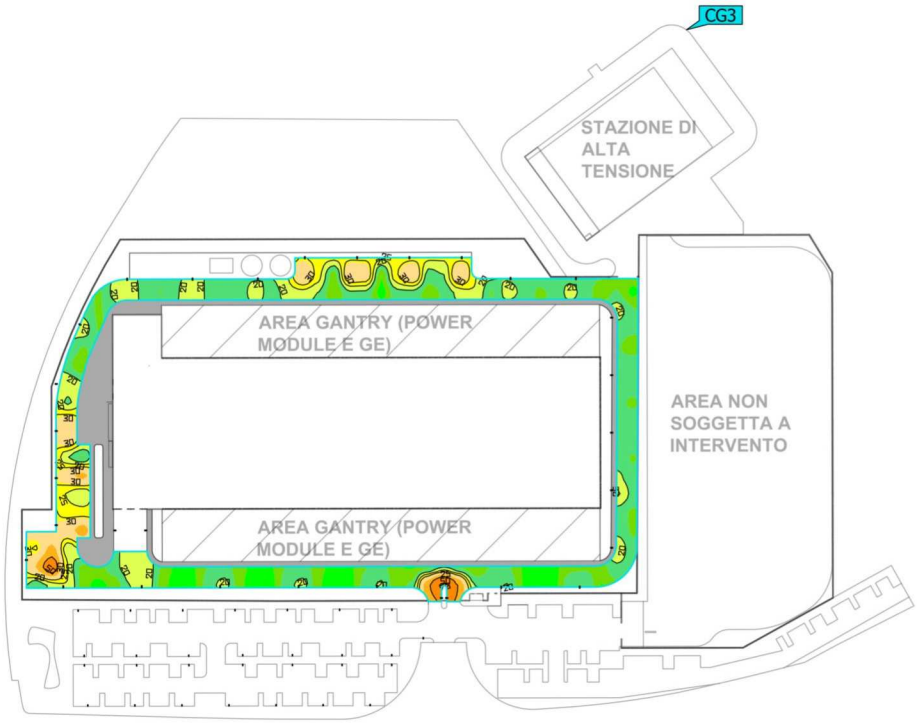
Proprietà	Ē	$E_{min.}$	E_{max}	U_o (g_1)	g_2	Indice
Car Park Lots Area Illuminamento perpendicolare Altezza: 0.000 m	20.0 lx	10.7 lx	52.7 lx	0.53	0.20	CG2

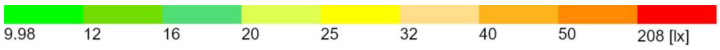
Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Area 1 (Scena luce 1)

Data Center Roads





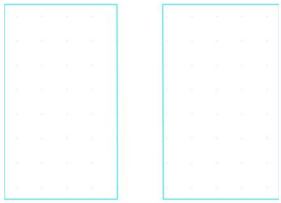


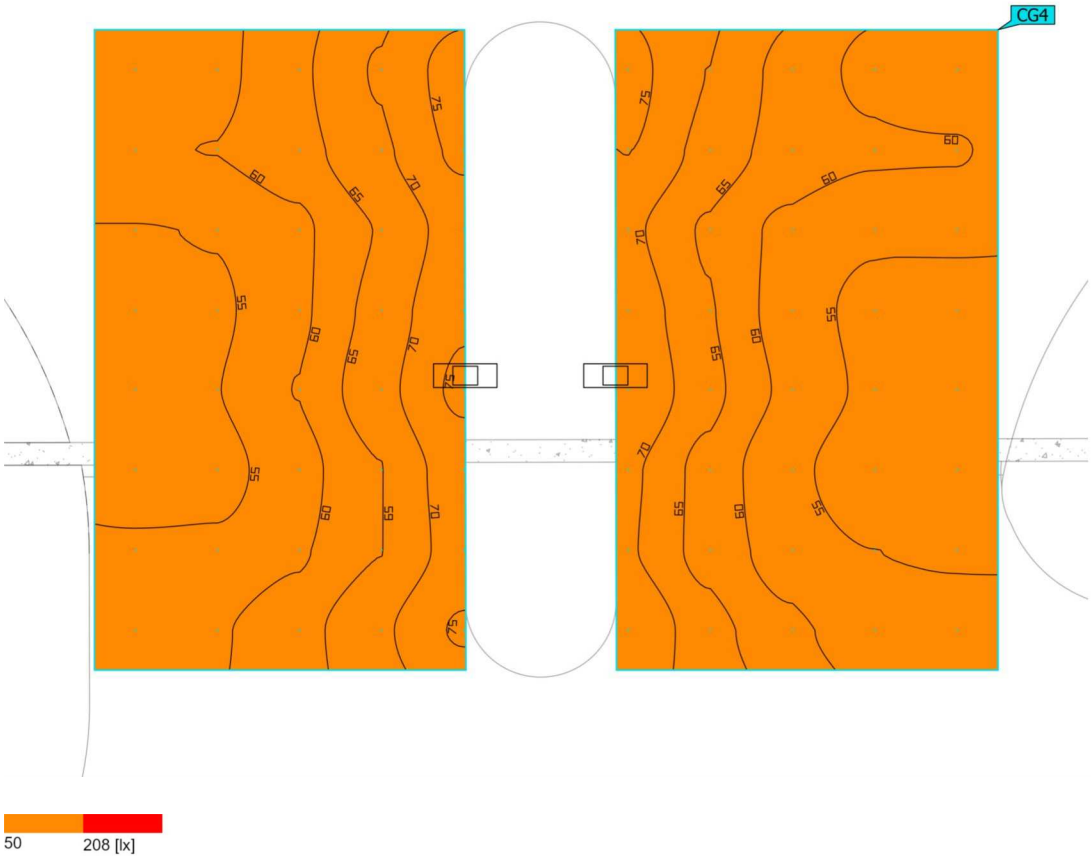
Proprietà	Ē	$E_{min.}$	E_{max}	U_o (g_1)	g_2	Indice
Data Center Roads Illuminamento perpendicolare Altezza: 0.000 m	20.0 lx	10.4 lx	74.6 lx	0.52	0.14	CG3

Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Area 1 (Scena luce 1)

Vehicle Gate



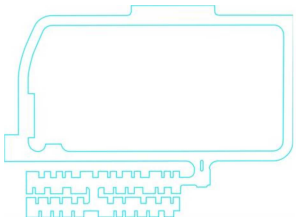


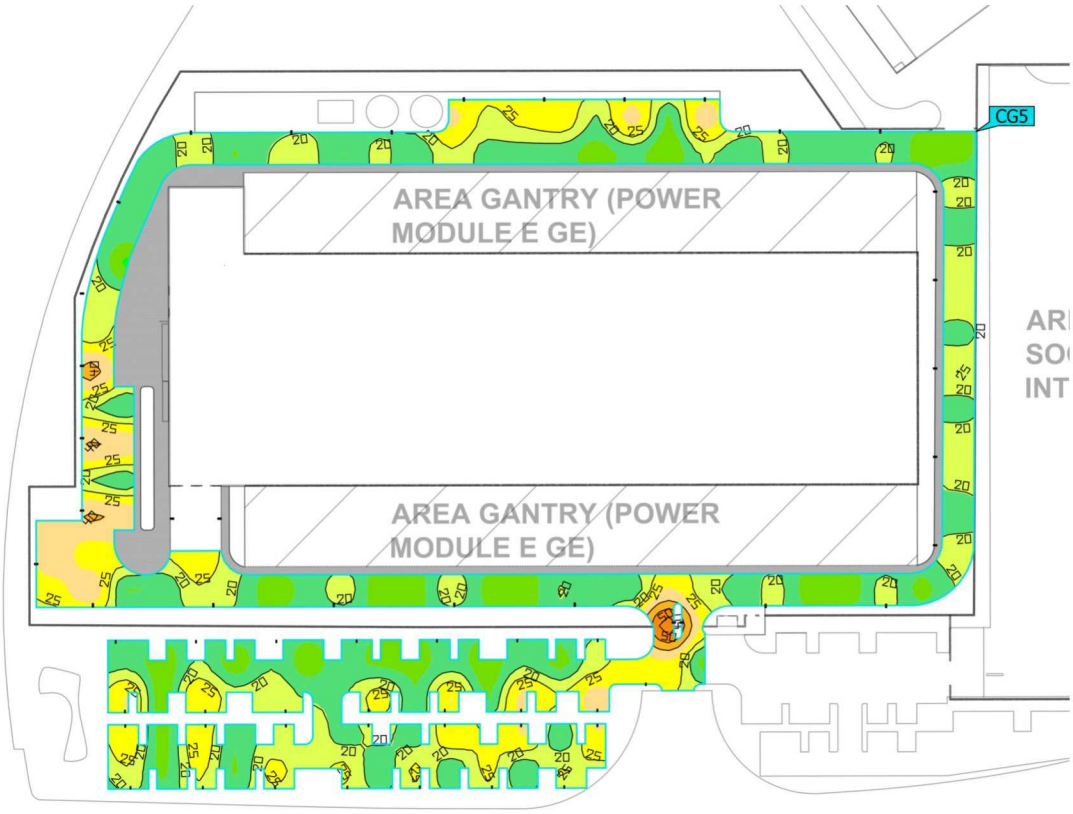
Proprietà	Ē	$E_{min.}$	E_{max}	U_o (g_1)	g_2	Indice
Vehicle Gate Illuminamento perpendicolare Altezza: 0.000 m	62.4 lx	50.6 lx	77.0 lx	0.81	0.66	CG4

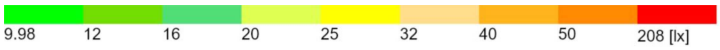
Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Area 1 (Scena luce 1)

General Traffic and Pedestrian Area







Proprietà	Ē	$E_{min.}$	E_{max}	U_o (g_1)	g_2	Indice
General Traffic and Pedestrian Area Illuminamento perpendicolare Altezza: 0.000 m	21.9 lx	11.8 lx	65.2 lx	0.54	0.18	CG5

Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))